

CURRICULUM VITAE

Robert P. Cook, Ph.D.
National Park Service
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EDUCATION

B.S. 1975. Wildlife Biology. SUNY Environmental Science and Forestry, Syracuse, NY.

M.S. 1978. Wildlife Biology. University of Massachusetts, Amherst, MA. Thesis “Effects of acid precipitation on embryonic mortality of spotted salamanders (*Ambystoma maculatum*) and Jefferson salamanders (*A. jeffersonianum*) in the Connecticut Valley of Massachusetts”.

Ph.D. 1996. Ecology, Evolution, and Behavior. City University of New York. Dissertation “Movement and ecology of eastern box and painted turtles repatriated to human-created habitat”.

EMPLOYMENT HISTORY

Wildlife Ecologist-Inventory and Monitoring

National Park Service, Cape Cod National Seashore, Wellfleet MA.
July 1998 to Present

As inventory and monitoring wildlife ecologist my duties are focused on efforts to document the occurrence, distribution, status and trends of wildlife species in the park. This involves compiling and organizing historic data, as well as collecting contemporary data, either directly or through cooperators. I work closely with government and university scientists to identify long term wildlife monitoring needs, and develop and test monitoring protocols to meet those needs.

I supervise staff conducting shorebird, small mammal, and herpetofaunal inventory and monitoring and serve as co-investigator in development of meso-mammal monitoring protocols and in an inventory of herpetofauna at 12 northeastern National Park Service sites. I also provide technical support to the National Park Services’ regional inventory and monitoring programs.

Wildlife Biologist

National Park Service, National Park of American Samoa, Pago Pago, AS
March 1996 to June 1998

I served as the park’s first biologist, developing and administering its natural resource management program. I worked with the superintendent and NPS staff in regional offices to obtain funding to begin operational programs, and with the University of Hawaii Cooperative Park Studies Unit to identify and prioritize inventory and research needs, and develop research projects to meet these needs. In addition to working with researchers to obtain funding for coral reef inventory and assessment of avian malaria, I collaborated on inventories of terrestrial snails, conducted an

inventory of stream macro-biota, and supervised a synoptic review of the status of flying fox in American Samoa. I also established feral pig monitoring transects and began a program of feral pig eradication.

Wildlife Biologist/Natural Resource Specialist

National Park Service, Gateway NRA, Brooklyn, NY

October 1986 to February 1996

As Wildlife Biologist/Natural Resource Specialist at Gateway, I worked in many capacities to protect and restore the park's natural resources. My duties included natural resource management plan writing and review, environmental compliance, providing technical training to staff, identifying natural resource threats and issues, developing and implementing natural resource management programs, developing and implementing scientific research projects, developing cooperative agreements, writing research contract specifications, and conducting and supervising natural resource inventory and monitoring.

I worked with researchers to develop and conduct inventories and management-oriented research on bird-habitat relationships, effects of prescribed fire and habitat restoration on grassland birds. I conducted and supervised inventory and monitoring of plants, birds, mammals, amphibians, and reptiles. I conceived, planned, and implemented a parkwide program of herpetofaunal community restoration, repatriating individuals of 20 native species. I monitored success of restoration efforts and conducted research on the dispersal and ecology of repatriated turtles.

Natural Resource Management Specialist Trainee

National Park Service, Washington, DC

December 1984 to September 1986.

I participated in a two-year, National Park Service Washington office program of advanced training in natural resource management. The program was designed to enhance Park Service ability to manage its natural resources in the face of complex threats. As a member of a national cadre of participants, my time was divided between courses at universities and national parks throughout the United States, activities at my duty station (North Atlantic Regional Office in Boston), and work on an individual project, a habitat-based inventory of amphibians, reptiles, fish, and small mammals at Saint-Gaudens NHS, Cornish NH.

Park Technician/Biological Technician

National Park Service, Jamaica Bay Wildlife Refuge, Brooklyn, NY.

July 1979 to November 1984.

Conducted a variety of classic wildlife management activities, such as nest boxes and platforms, habitat manipulation, and wetland creation/manipulation. I conducted inventories of flora, small mammals, herpetofauna, and breeding birds, as well as annual monitoring of colonial waterbirds, pond limnology, and avian mortality. I conceived and initiated a program of herpetofaunal community restoration.

Adjunct Professor

St. John's University, Jamaica, NY. Fall 1983 Semester.

As Adjunct Professor I taught a three-credit lecture/lab course in Ecological Measurements to upper level undergraduates. Within the broad scope of "techniques for measuring parameters influencing the abundance and distribution of terrestrial and aquatic organisms" I developed the course syllabus, laboratory and field exercises, and all grading and testing. Subject areas I covered in this course included; physical and chemical limnology, productivity, ecological applications of remote sensing, vegetative sampling and analysis, vertebrate sampling and marking, population estimates, population and community analysis, and basic statistics. In all areas I stressed both the theoretical basis of the techniques as well as their practical applications and constraints.

Naturalist

Wellfleet Bay Wildlife Sanctuary, Massachusetts Audubon Society, summer 1976, 1977, 1978.

As a member of the sanctuary staff, I had a wide range of duties. I led natural history tours to Coast Guard Beach, Eastham and Monomoy Island, discussing the flora, fauna, ecology, and geology of salt marsh and barrier beach ecosystems. Special emphasis was placed on migrating birds, geological processes, plant adaptations, and economic importance. Duties at the sanctuary included leading bird and wildflower walks, planning and cutting nature trails, habitat management projects, campground and general maintenance.

PROFESSIONAL HONORS

National Park Service Director's Award 1997

National Park Service Pacific West Regional Director's Award 1998

National Park Service North Atlantic Regional Director's Award 1991

PROFESSIONAL SOCIETIES

Society for the Study of Amphibians and Reptiles (also assist with peer review)

Herpetologist's League

Chelonian Research Foundation

George Wright Society (life member)

ADJUNCT FACULTY APPOINTMENTS

George Mason University, Fairfax VA. Served as advisory committee member for Ph.D. student. T. Tupper, "Relationship of within-pond and landscape parameters to the presence and abundance of Fowler's toad (*Bufo fowleri*) at Cape Cod National Seashore"

University of Massachusetts, Amherst. Serve as advisory committee member for M.S. student M. Faherty, "Bird-Habitat relationships and their monitoring at Cape Cod National Seashore" and Ph.D. student B. Timm, "Landscape ecology of spadefoot toads (*Scaphiopus h. holbrookii*) at Cape Cod National Seashore".

Antioch College of New England, Keene NH. Served as advisory committee member for M.S. student Megan McLean, “Environmental factors as predictors for amphibian road mortality in the Northeastern United States”

Montclair State University, New Jersey. Served as advisory committee member for M.S. student Scott Buchanan, “Home range and habitat use of Eastern Hognose Snake”

PUBLICATIONS/CONFERENCE ABSTRACTS

Buchanan, S.B., B.C.Timm, **R.P. Cook**, and R. Couse. *in review*. Spatial ecology and habitat selection of Eastern Hognose Snakes (*Heterodon platirhinos*) at Cape Cod National Seashore, Massachusetts, USA. Journal of Wildlife Management.

Cook, R. P., D. K. Brotherton, B. Timm and J. L. Behler. *in prep*. Inventory of Amphibians and Reptiles at Assateague Island National Seashore. Natural Resource Technical Report NPS/NCBN/NRTR—201X/XXX National Park Service, Fort Collins, Colorado.

Cook, R.P. *in prep*. Amphibians and Reptiles of Gateway NRA: Impacts of urbanization and restoration. Technical Report NPS/NER/NRTR-XXXX/xxx. National Park Service, Boston, MA.

Buchanan, S.B., B.C.Timm, **R.P. Cook**, and R. Couse, and L.C. Hazard. 2016. Surface Activity and Body Temperature of Eastern Hognose Snakes (*Heterodon platirhinos*) at Cape Cod National Seashore, Barnstable County, Massachusetts, USA. J. Herpetology, 50(1):17-25.

Erb, L.A., L.L. Willey, L.M. Johnson, J. E. Hines, and **R.P. Cook**. 2015. Detecting long-term population trends for an elusive reptile species. J. Wildlife Management 79(7):1062-1071.

Tupper, T.A., C.A. Bozarth, K.S. Jones, and **R.P. Cook**. 2014. Detection of *Batrachochytridium dendrobatidis* in the Eastern Spadefoot *Scaphiopus holbrooki*, at Cape Cod National Seashore, Barnstable County, Massachusetts, USA. Herpetological Review 45(3):445-447.

Timm, B.C., K. McGarigal, and **R.P. Cook**. 2014. Upland movement patterns and habitat selection of adult eastern spadefoots (*Scaphiopus holbrooki*) at Cape Cod National Seashore. Journal of Herpetology 48(1):84-97.

Buchanan, S.B., B.C.Timm, **R.P. Cook**, and R. Couse. 2013 *Heterodon platirhinos* (Eastern Hog-nosed Snake). Reproduction – Oviposition Frequency. Herpetological Review 44(4):691-692.

Buchanan, S.B., B.C.Timm, **R.P. Cook**, and R. Couse. 2012. *Heterodon platirhinos* (Eastern Hog-nosed Snake). Hibernacula site fidelity. Herpetological Review 43(3):493-494.

Cook, R. P., D. K. Brotherton, B. C. Timm, and J. L. Behler. 2012. Saratoga National Historical Park amphibian and reptile inventory: March-September 2001. Natural Resource Technical Report NPS/NETN/NRTR—2012/562. National Park Service, Fort Collins, Colorado.

Cook, R. P., D. K. Brotherton, B. C. Timm and J. L. Behler. 2011. Minute Man National Historical Park amphibian and reptile inventory: March-September 2001. Natural Resource Technical Report NPS/NETN/NRTR—2011/505. National Park Service, Fort Collins, Colorado.

Cook, R.P., T. Tupper, P.W.C. Paton, and B. Timm. 2011. Effects of temperature and temporal factors on anuran detection probabilities at Cape Cod National Seashore: Implications for Long-Term Monitoring. *Herpetological Conservation and Biology* 6(2):25-39.

Tupper T. A., J. W. Streicher, S. E. Greenspan, B. C. Timm, and **R. P. Cook**. 2011. Detection of *Batrachochytrium dendrobatidis* in anurans of Cape Cod National Seashore, Barnstable County, Massachusetts, USA. *Herpetological Review* 42(1):62-65.

Cook, R.P. 2010. Amphibians and Reptiles (of New York City). *In* Jackson, K.T. (ed.). The Encyclopedia of New York City. Yale University Press, New Haven, Connecticut.

Cook, R. P., D. K. Brotherton, and J. L. Behler. 2010. Inventory of Amphibians and Reptiles at the William Floyd Estate, Fire Island National Seashore. Natural Resource Technical Report NPS/NCBN/NRTR—2010/380 National Park Service, Fort Collins, Colorado.

Cook, R. P., D. K. Brotherton, and J. L. Behler. 2010. Inventory of Amphibians and Reptiles at Sagamore Hill National Historical Site. Natural Resource Technical Report NPS/NCBN/NRTR—2010/379. National Park Service, Fort Collins, Colorado.

Cook, R. P., D. K. Brotherton, and J. L. Behler. 2010. Inventory of Amphibians and Reptiles at Fire Island National Seashore. Natural Resource Technical Report NPS/NCBN/NRTR—2010/378. National Park Service, Fort Collins, Colorado.

Cook, R. P., D.K. Brotherton, and J.L. Behler. 2010. Saugus Iron Works National Historic Site Amphibian and Reptile Inventory: March – September 2001. Natural Resource Report NPS/NETN/NRR—2010/248. National Park Service, Fort Collins, Colorado.

Timm, B.C., K. McGarigal, and **R.P. Cook**. 2010. *Scaphiopus h. holbrookii* predation. *Herpetological Review* 41:207.

Cook, R.P., D.K. Brotherton, and J.L. Behler. 2008. Saint-Gaudens National Historical Park, Amphibian and Reptile Inventory, March-September 2001. Technical Report NPS/NER/NRTR-2008-120. National Park Service, Woodstock, VT.

Cook, R.P. 2008. Potential and limitations of herpetofaunal restoration in an urban landscape. *In* Urban Herpetology. Mitchell J. C., R.E. Jung, and B. Bartholomew, editors. *Herpetological Conservation* 3:465-478. Society for the Study of Amphibians and Reptiles. Salt Lake City, UT.

Tupper, T.A. and **R.P. Cook**. 2008. Habitat variables influencing breeding effort in northern clade *Bufo fowleri*: Implications for conservation. *Applied Herpetology* 5:101-119.

Cook, R.P., K.M. Boland, S.J. Kot, J. Borgmeyer, and M. Schult. 2007. Inventory of aquatic turtles at Cape Cod National Seashore with recommendations for long term monitoring. Technical Report NPS/NER/NRTR-2007/091. National Park Service, Boston, MA.

Tupper, T.A., **R.P. Cook**, B.C. Timm, and A. Goodstine. 2007. Improving call surveys for detecting Fowler's toad, *Bufo fowleri*, in Southern New England. Applied Herpetology 4:245-259.

O'Connell, A. F., N.W. Talancy, L.L. Bailey, J.R. Sauer, **R. Cook**, and A.T. Gilbert. 2006. Estimating site occupancy and detection probability parameters for mammals in a coastal ecosystem. Journal of Wildlife Management 70(6):1625-1633.

Cook, R. P., K.M. Boland, and T. Dolbeare. 2006. Inventory of small mammals at Cape Cod National Seashore, with recommendations for long term monitoring. Technical Report NPS/NER/NRTR-2006/047. National Park Service, Boston, MA.

Cook, R. P., J. Portnoy, D. Murphy¹, M. Schult, A. Goodstine, and L. Bratz. 2006. Preliminary report on the distribution and abundance of four-toed salamanders (*Hemidactylium scutatum*) at Cape Cod National Seashore, with emphasis on the Herring River drainage. Technical Report, Long-term Coastal Ecosystem Monitoring Program, Cape Cod National Seashore.

Cook, R.P., M. Schult, A. Goodstine, and G. Radik. 2006. Monitoring of pond breeding amphibians at Cape Cod National Seashore, 2005. Technical Report, Long-term Coastal Ecosystem Monitoring Program, Cape Cod National Seashore.

Bank, M.S., J.B. Crocker, S. Davis, D. K. Brotherton, **R. Cook**, J. Behler, and B. Connery. 2006. Population decline of northern dusky salamanders at Acadia National Park, Maine, USA. Biological Conservation 130:230-238.

Cook, R.P., K.M. Boland, M. Schult, and A. Goodstine. 2006. Monitoring of pond breeding amphibians at Cape Cod National Seashore, 2004. Technical Report, Long-term Coastal Ecosystem Monitoring Program, Cape Cod National Seashore.

Brotherton, D.K., **R.P. Cook**, and J.L. Behler. 2005. Weir Farm National Historical Park, Amphibian and Reptile Inventory, March-September 2000. Technical Report NPS/NER/NRTR-2005/029. National Park Service. Boston, MA.

Cook, R.P. 2005. Monitoring leads to enhanced protection of spadefoot toads at Cape Cod National Seashore. Park Science 23(2):10-11.

Cook, R.P. and K.M. Boland. 2005. A comparison of approaches to counting egg masses of spotted salamander (*Ambystoma maculatum*). Herpetological Review (36):272-274.

Brotherton, D.K., J.L. Behler, and **R.P. Cook**. 2005. Acadia National Park, Amphibian and Reptile Inventory, March-September 2001. Technical Report NPS/NER/NRTR-2005-007. National Park Service, Woodstock, VT.

Brotherton, D.K., J.L. Behler, and **R.P. Cook**. 2005. Morristown National Historical Park, Amphibian and Reptile Inventory, March-September 2000. Technical Report NPS/NER/NRTR-2005-013. National Park Service, Woodstock, VT.

Cook, R. P. and Boland, K. 2004. Monitoring of pond breeding amphibians at Cape Cod National Seashore, 2003. Technical Report, Long-term Coastal Ecosystem Monitoring Program, Cape Cod National Seashore.

Cook, R.P. (2004). Dispersal, home range establishment, survival, and reproduction in translocated eastern box turtle (*Terrapene c. carolina*). *Applied Herpetology* 1(3):197-228.

Cook, R.P. 2004. Macrofauna of Laufuti Stream, Tau, American Samoa, and the role of physiography in its zonation. *Pacific Science* 58(1):7-21.

Castellano, C.M., J.L. Behler, **R.P. Cook**, and D.K. Brotherton. 2003. National parks in the northeast: Preserving America's herpetological heritage. *Herpetological Review* 34 (3):192-193.

Cook, R.P. 2002. Herpetofaunal Community Restoration in a Post-urban Landscape (New York and New Jersey). *Ecological Restoration* 20(4):290-291.

Kearny, S.B. and **Cook, R.P.** 2001. Status of grassland and heathland birds at Cape Cod National Seashore. USDI, NPS, Boston Support Office, Technical Report NPS/BSO-RNR/NRTR/2002-3

Cook, R.P. 2001. Host specificity of *Liothrips urichi* for *Clidemia hirta* in American Samoa. *Proceedings, Hawaiian Entomological Society* 35:143-144.

Cook, R.P. and Boland, K. 2001. Small Mammals of Cape Cod National Seashore. p 73-76 in Rockwell, E. ed. *Inventory and Prototype Monitoring of Natural Resources in Selected National Park System Units 1999-2000*. USDI, NPS, Natural Resources Information Division, Fort Collins, CO. Technical Report NPS/NRI&M/NRTR-20001/1

Cowie, R.H. and **Cook, R.P.** 2001. Extinction or survival: the status of partulid tree snails in American Samoa. *Biodiversity and Conservation*, 10:143-159.

Cook, R.P. 2001. An inventory of Laufuti stream, Ta'u, American Samoa. National Park Service, Water Resources Div., Fort Collins, CO. Technical Report NPS/NRWRD/NRTR-2001/290, 39 p.

Cook, R. P. and Zuzworsky, J. 2000. Herpetofaunal Community Restoration at Gateway NRA. Abs. Proc. of Conference "Resource Stewardship: Meeting the Challenges in 2000 and Beyond". Valley Forge PA. George Wright Society.

Cook, R.P. and Vargo, D. 2000. Range extension of *Doleschallia bisaltidae* (Nymphalidae) to the Samoan Archipelago, with notes on its life history and ecology. *J. Lepidopterist's Society* 54:33-35.

Greller, A.M., C. Durando, L.F. Marcus, D.S.A. Wijesundara, M.D. Byer, **R. Cook**, and J.T. Tanacredi. 2000. Phytosociological analysis of restored and managed grassland habitat within an urban national park. *Urban Ecosystems* 4:293-319.

Cowie, R. H., and **Cook, R.P.** 1999. The diversity, distribution, and abundance of land snails in the National Park of American Samoa, with particular focus on Partulidae. University of Hawaii, Cooperative National Park Resources Study Unit, Tech. Rep. 125. 58 p.

Cook, R.P., and J.L. Behler, W. Holmstrom, C. Castellano, and B. Lane. 1999. Restoration of Fowler's toad (*Bufo woodhousei fowleri*) and eastern hognose snake (*Heterodon p. platirhinos*) at the Sandy Hook Unit of Gateway NRA. (Presentation Abstract). 10th Conference on Research and Resource Management in Parks and on Public Lands. Ashville, NC. Sponsored by George Wright Society.

Hake, M.E., M. Goldin, and **R.P. Cook**. 1998. Laughing Gull Sighted in American Samoa. *Elapaio* 58(8):50.

Lent, R.A., T.S. Litwin, **R.P. Cook**, J. Bourque, R. Bourque, and J.T. Tanacredi. 1997. Grassland bird habitat restoration at Floyd Bennett Field, Brooklyn, NY: Research and management. p. 211-215 in Vickery, P.D. and Dunwiddie, P.W. (eds.). *Grasslands of northeastern North America: ecology and conservation of native and agricultural landscapes*. Massachusetts Audubon Society, Lincoln MA, 297 p.

Rudnicki, J.L., W.M. Patterson, and **R.P. Cook**. 1997. Experimental use of prescribed fire for managing grassland bird habitat at Floyd Bennett Field, Brooklyn, NY. p. 99-118 in Vickery, P.D. and Dunwiddie, P.W. (eds.). *Grasslands of northeastern North America: ecology and conservation of native and agricultural landscapes*. Massachusetts Audubon Society, Lincoln, MA 297 p.

Cook, R.P. 1996. Movements and ecology of eastern box and painted turtles repatriated to human-created habitat. Ph.D. diss., City University of New York.

Cook, R.P. 1995. Amphibians and Reptiles (of New York City). p. 36 in Jackson, K.T. (ed.). *The Encyclopedia of New York City*. Yale University Press

Cook, R.P., J. Bourque, R. Bourque, and J. Tanacredi. 1994. Management of grassland bird habitat at Floyd Bennett Field, Brooklyn, NY. (Presentation Abstract). *Proceedings, Native Grasslands and Heathlands of the Northeast*, University of Massachusetts, Amherst, April 1994.

Cook, R.P. 1992. Herpetofaunal community restoration at Gateway National Recreation Area, New York. (Presentation Abstract) 35th Annual Meeting, Society for the Study of Amphibians and Reptiles.

Klemens, M.W., **Cook, R.P.**, and Hayes, D. 1992. Herpetofauna of Roosevelt Vanderbilt National Historic Sites, Hyde Park, NY, with emphasis on Blanding's Turtle (*Emydoidea blandingi*). National Park Service, Technical Report NPS/NAROSS/NRTR-92/08 34 p.

Matthews, M.J., **Cook, R.P.**, Tanacredi, J.T., and J.J. Pane. 1992. Interagency cooperation in restoring freshwater wetlands in an urban National Recreation Area. p. 151-155 in L.W. Adams and D.L. Leedy (eds.) *Wildlife Conservation in Metropolitan Environments*. National Institute for Urban Wildlife Symposium Series 2. National Institute for Urban Wildlife, Columbia, MD. 264 p.

Cook, R.P. 1991. Recreating a herpetofaunal community at Gateway NRA. (Presentation Abstract). Proceedings, Second National Park Service Conference on Science and Natural Resource Management in the North Atlantic Region. Newport, RI, November 1991.

Cook, R.P. 1991. Recreating a herpetofaunal community at Gateway NRA. (Abstract). 71st Ann. Meeting, American Society of Ichthyologists and Herpetologists, New York, NY, June 1991.

Venezia, K. and **Cook, R.P.** 1991. Flora of Gateway National Recreation Area. National Park Service, Brooklyn, NY 40 p.

Cook, R.P. and Dorfman, D. 1990. Freshwater Turtles of Sandy Hook. *Underwater Naturalist* 19(1):24-25.

Cook, R.P. and Tanacredi, J.T. 1990. Management strategies for increasing habitat and species diversity in an urban national park. p. 171-177 in Berger, J.J. (ed.), *Environmental restoration: science and strategies for restoring the Earth*. Island Press, Washington, DC. 398 p.

Cook, R.P. and Tanacredi, J.T. 1989. Management strategies for increasing habitat and species diversity in an urban national park. p. 248-250 in Mitchell, R.S., C.J. Sheviak, and D.J. Leopold (eds.), *Ecosystem Management: Rare Species and Significant Habitats*. New York State Museum Bulletin 471.

Cook, R.P. 1989. And the voice of the grey tree frog was heard again ... (herpetofaunal restoration at Gateway NRA). *Park Science* 9 (3):6-7.

Cook, R.P. 1989. A natural history of the diamondback terrapin. *Underwater Naturalist* 18(1):25-31.

Brand, C.J., R.M. Windingstad, L.M. Seigfried, R.M. Duncan, and **R. Cook**. 1988. Avian morbidity and mortality from botulism, aspergillosis, and salmonellosis at Jamaica Bay Wildlife Refuge, New York, USA. *Colonial Waterbirds* 11(2):284-292.

Cook, R.P., and Pinnock, C.A. 1987. Recreating a herpetofaunal community at Gateway National Recreation Area. p. 151-154, In L.W. Adams and D.L. Leedy (eds.) *Integrating man and nature in the urban environment*. National Institute for Urban Wildlife, Columbia, MD. 249 p.

Cook, R.P. 1986. The fish, amphibians, reptiles, and mammals of Saint-Gaudens National Historic Site: An inventory. National Park Service, North Atlantic Region. Boston, MA

Cook, R.P. and Pinnock, C.A. 1986. Recreating a herpetofaunal community at Gateway NRA. (Abstract) Fourth Triennial Conference on Research in National Parks and Equivalent Reserves. Fort Collins, CO. George Wright Society.

Cook, R.P. 1985. Barn owls coming back to Gateway. *Park Science* 5(4):20-21.

Stalter, R. and **Cook, R.**, 1984. Some floristic and ecological observations of Canarsie Pol, New York. *Bulletin South Carolina Academy of Science*. 126-127.

Cook, R.P. 1983. Effects of acid precipitation on embryonic mortality of Ambystoma salamanders in the Connecticut Valley of Massachusetts. *Biological Conservation* 27(1983):77-88.

Cook, R.P. 1982. Representative animal community being recreated at Jamaica Bay. *Park Science* 2(4):3-4.

Cook, R.P. 1978. Effects of acid precipitation on embryonic mortality of spotted salamanders (*Ambystoma maculatum*) and Jefferson salamanders (*Ambystoma jeffersonianum*) in the Connecticut Valley of Massachusetts. M.S. thesis, University of Massachusetts, Amherst.

Cook, R.P. 1977. Acid Rain. *Massachusetts Wildlife*. 28(6):16-19.

FIELD BIOLOGY EXPERIENCE

I have 35+ years of experience in conducting field oriented biological studies, inventories, and management programs, in a variety of habitats and environments. I have personally conducted field work sampling all classes of vertebrates, as well as vegetation, water quality, and some invertebrates. I have experience with, or at least a working familiarity with most aspects of animal capture, field data collection, and sampling design. As a result of this experience, plus extra-curricular natural history activities, I have an extensive familiarity with the identification and ecology of East Coast biota.